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Temperatures (centigrade)

Average for the month: Palic 21.5, Sombor 21.6, Kikinda 21.5, Vrbas 21.9, Zrenjanin 21.9, Rimski Sancevi 21.8, Sremska Mitrovica 21.6, Surcin 21.7, Vrsac 21.2.

Maximum temperature, varying from 35 to 37 degrees, was on 30 June. Minimum temperature, varying from 8 to 10 degrees, was during the first 5 days of the month.

Soil temperatures at Rimski Sancevi averaged: at 5 centimeters, 25.9 degrees; at 10 centimeters, 25.6 degrees; at 20 centimeters, 24.4 degrees; at 30 centimeters, 22.5 degrees; at 50 centimeters, 21.8 degrees; at one millimeter, 17.3 degrees.

Hours of Sunlight

Palic 293, Rimski Sancevi 294, Backi Petrovac 307, or about 70 percent of the possible maximum (467 hours).

Actinic power of solar illumination: 17,327 calorigrams per square centimeter at Rimski Sancevi, or a daily average of 578 calorigrams per square centimeter.

Relative Humidity

Average for the month, 59.9 percent; average at 1400 hours, 44.8 percent.

Sky Cover

Average total, four-tenths.

Wind

Monthly average for all winds, 1.5, according to the Beaufort scale. Prevailing winds were from the north and northwest.

Atmospheric Pressure at Rimski Sancevi

Monthly average, 755.4 millimeters; highest, 762.3 millimeters on 4 June; lowest, 750.3 millimeters on 9 June.

Conclusions

1. Meteorological

Total precipitation showed a decrease of about 50 percent in relation to the average over many years. This precipitation took place mostly in the second 10 days of the month.

Evaporation was quite high in contrast to the precipitation. Four times as much water was evaporated from the center's testing station as the total rainfall.

The average temperature showed an increase of almost 2 degrees above the normal temperature for this month.

The area received about 3,000 calorigrams per square centimeter more than during the same month last year.

The appearance of light hail was reported by the station in Coka. This phenomenon was also noticed in the vicinity of Bela Crkva.

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Fog was not common.

2. Agricultural

The most significant characteristic of this month was the scarcity of livestock in the country and the increased temperature. As a result, the white grains ripened quite rapidly, indicating that the seed is not sufficiently sound.

The harvest, which began about 20 days earlier this year than is normal, was completed for the most part under favorable conditions in June. Plowing was made more difficult because of the dryness of the soil. Other agricultural and industrial crops suffered from the drought, some more, some less. Especially affected were vegetables such as early potatoes, beans, etc.

Vineyards looked fairly good at the end of the month. Ripened fruit was smaller than normal because of the drought.

Hail inflicted local damage to crops in the vicinity of Bela Crkva and Coka. Insect damage was also local.

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